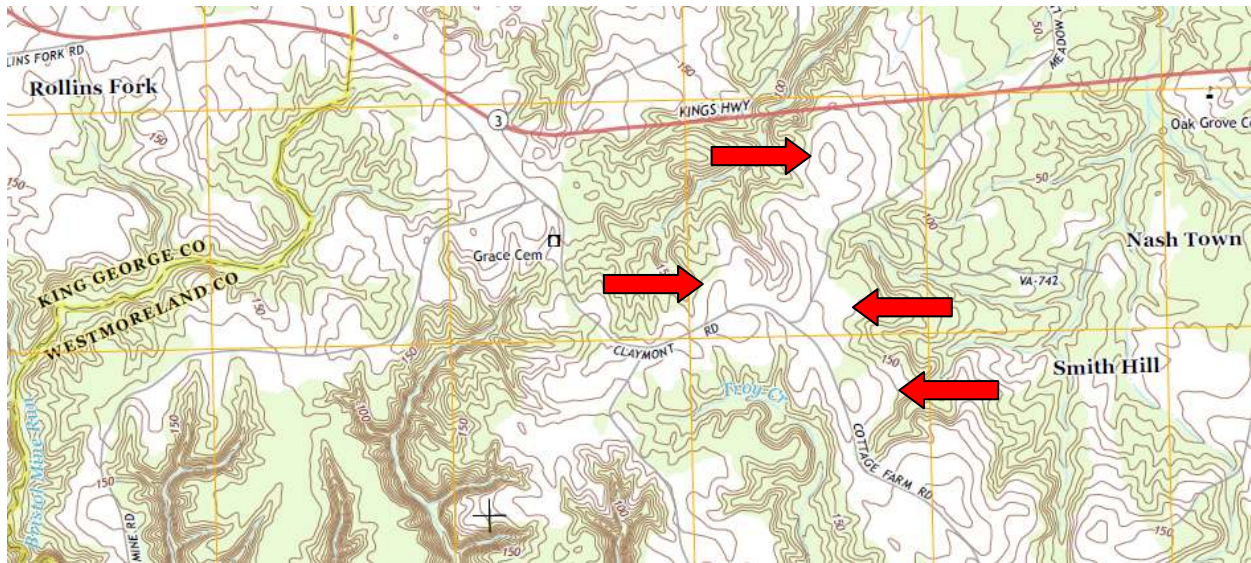


CLAYMONT FARM  
WESTMORELAND COUNTY

Owner: Mary F. Aylor  
570 Claymont Road, Colonial Beach, VA 22443

Claymont Farm, owned by Mary F. Aylor, is located along Claymont Road and Cottage Farm Road in Westmoreland County. The fields being requested for application are identified by FSA Tract # and Field# as well as Westmoreland County TM identification. These are agricultural (crop/grass) sites.

Location Map Claymont (77 01.678W 3810.590N)



The site FSA Map identifies three tracts.

Tract 1796 includes one field, Field 6 (TM 9 Parcel 24B) which has a net application acreage of 39.3 acres.

*Westmoreland County, Virginia*

Carol Gawn, Commissioner

[e-mail Carol Gawn](#)

*Property Identification Card*

Previous

<b>Property Address</b>		<b>Owner Name/Address</b>	
Map#: 9 24B Acct#: 25931-1		AYLOR MARY FRANCES 570 CLAYMONT ROAD OAK GROVE VA 22443	
<b>Legal Description:</b> PART CHERRY HILL 60.35 AC 682/270			
<b>Occupancy:</b>		<b>BK/Pg:</b> Deed 682/270	
<b>Dwelling Type:</b>		<b>Plat Bl/Pg:</b> 186/775	
<b>Use/Class:</b> AGRICULTURAL-20-100 AC		<b>Acreage:</b> 60.350	
<b>Year Assessed:</b> 2010		<b>Year Built:</b> 0	
<b>Zoning:</b>		<b>Year Rmld:</b>	
<b>District:</b> 03 WASHINGTON		<b>Year Effr:</b>	
<b>MH/Type:</b>		<b>On Site Dte:</b> 05/05/2009	
<b>Condition:</b>		<b>Review Date:</b> 05/26/2009	
		<b>Land Use:</b> 42180	
		<b>Tot. Mineral:</b>	
		<b>Total Land:</b> 175300	
		<b>Total Imp.:</b>	
		<b>Total Value:</b> \$175,300	
<b>Improvement Description</b>			
Exterior		Interior	
STREET-PAVED			
<b>Land Valuation</b>			
Desc	Front	Depth AC/Size	Sp/Pot
OPEN-FIELD	40.000	3500.00	.17
WOODS	20.350	3500.00	.57
<b>Total Land Value</b>		<b>175300</b>	

Tract 1730 includes 6 fields (TM 9 Parcel 93)

*Westmoreland County, Virginia*  
**Carol Gawen, Commissioner**  
[e-mail Carol Gawen](#)

*Property Identification Card*

<b>Property Address:</b>		<b>Owner Name/Address:</b>	
Map#: 9 93 Acres: 12729-1		AYLOR MARY FRANCES 570 CLAYMONT ROAD OAK GROVE VA 22443	
<b>Legal Description:</b> CLAYMONT 95.099 AC DB 682 PG 270			
<b>Occupancy:</b>		<b>BK/PG:</b> Deed 682/270	
<b>Dwelling Type:</b>		<b>Acres:</b> 95.099	
<b>Use/Class:</b> AGR-100 AC OR MORE		<b>Year Built:</b> 0	
<b>Year Assessed:</b> 2010		<b>Year Reval:</b>	
<b>Zoning:</b>		<b>Year Eff:</b>	
<b>District:</b> 03 WASHINGTON		<b>On Site Dev:</b> 05/06/2008	
<b>MH/Type:</b>		<b>Review Date:</b> 05/26/2009	
<b>Condition:</b>		<b>Land Use:</b> 61000	
		<b>Tot. Minerals:</b>	
		<b>Total Land:</b> 195300	
		<b>Total Imp.:</b>	
		<b>Total Value:</b> \$185,300	

Substance		Improvement Description		Rate	
Substance		Improvement		Rate	
Substance		Improvement		Rate	
STREET-PAVING					
Item	Front	Depth	AC/Line	Sp/Sec	Rate
STREET-PAVING	45.000	3000.00	.17-	612887	
WOODS	50.000	2000.00	.17-	100000	

Net Field Application Acreages are:

Field 1 – 7.5 Acres

Field 2 – 2.4 Acres

Field 3 – 6.0 Acres

Field 4 – 9.1 Acres

Field 5 – 8.8 Acres

Field 6 – 8.9 Acres

Tract 1731 includes two fields (TM 9 Parcels 91 & 92)

*Westmoreland County, Virginia*  
**Carol Gawen, Commissioner**  
[e-mail Carol Gawen](#)

*Property Identification Card*

<b>Property Address:</b>		<b>Owner Name/Address:</b>	
Map#: 9 91 Acres: 12727-1		AYLOR MARY FRANCES 570 CLAYMONT ROAD OAK GROVE VA 22443	
<b>Legal Description:</b> CAMPBELLTON 99.85 AC DB 682 PG 270			
<b>Occupancy:</b>		<b>BK/PG:</b> Deed 682/270	
<b>Dwelling Type:</b>		<b>Acres:</b> 99.850	
<b>Use/Class:</b> AGR-100 AC OR MORE		<b>Year Built:</b> 0	
<b>Year Assessed:</b> 2010		<b>Year Reval:</b>	
<b>Zoning:</b>		<b>Year Eff:</b>	
<b>District:</b> 03 WASHINGTON		<b>On Site Dev:</b> 05/26/2009	
<b>MH/Type:</b>		<b>Review Date:</b> 06/01/2009	
<b>Condition:</b>		<b>Land Use:</b> 57380	
		<b>Tot. Minerals:</b>	
		<b>Total Land:</b> 186400	
		<b>Total Imp.:</b>	
		<b>Total Value:</b> \$186,400	

Substance		Improvement Description		Rate	
Substance		Improvement		Rate	
Substance		Improvement		Rate	
STREET-PAVING					
Item	Front	Depth	AC/Line	Sp/Sec	Rate
STREET-PAVING	24.000	2000.00	.17-	612887	
WOODS	75.000	2000.00	.17-	124800	
Total Land Value		99.000			186400

## Westmoreland County, Virginia

Carol Gawen, Commissioner

[e-mail Carol Gawen](#)

### Property Identification Card

Print Page

<b>Property Address:</b>	<b>Owner Name/Address:</b>	
	AYLOR MARY FRANCES 570 CLAYMONT ROAD OAK GROVE VA 22443	
<b>Map#:</b> 9 92 <b>Acct#:</b> 12728-1		
<b>Legal Description:</b> PART OF MILL TRACT 63.15AC DB 682 PG 270		
<b>Occupancy:</b>	<b>BK/PG:</b> Deed 682/270	
<b>Dwelling Type:</b>	<b>Acres:</b> 63.150	
<b>Use Class:</b> AGRICULTURAL-20-100 AC	<b>Year Built:</b> 0	<b>Land Use:</b> 31580
<b>Year Assessed:</b> 2010	<b>Year Remd:</b>	<b>Tot. Minerals:</b>
<b>Zoning:</b>	<b>Year Eff:</b>	<b>Total Land:</b> 104800
<b>District:</b> 03 WASHINGTON	<b>On Site Date:</b> 05/26/2009	<b>Total Imp.:</b>
<b>MH/Type:</b>	<b>Review Date:</b> 06/01/2009	<b>Total Value:</b> \$104,800
<b>Condition:</b>		

Extension	Improvement Description	Extension	Rate
STREET-PAVED			

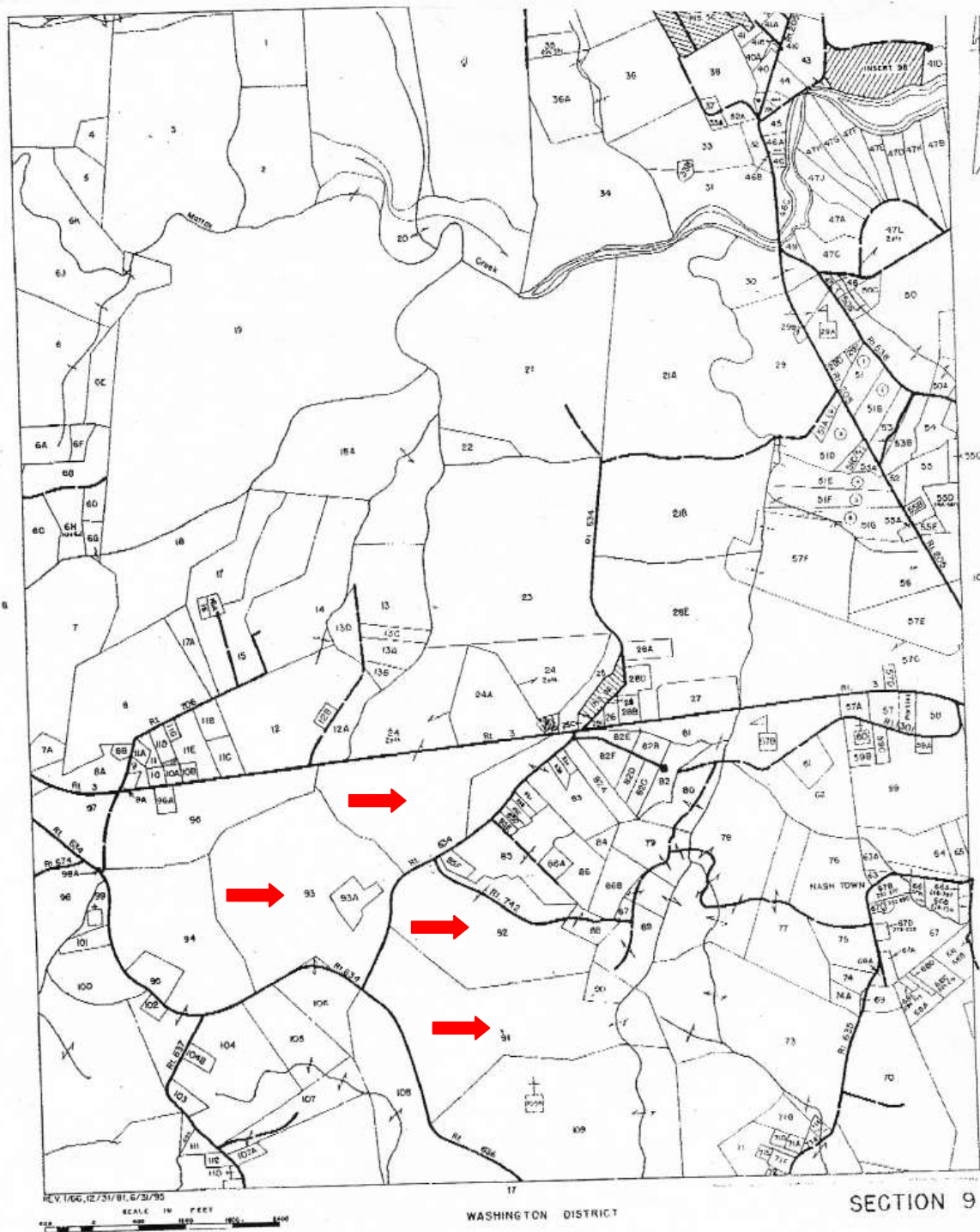
Class	Front	Depth	AC/Size	SqFt	Rate	FR/Front Value
WOODS			63.150		2000.00	.17= 104800
Total Land Value			63.150			104800

Net Field Application Acreages are:

Field 1 – 14.7 Ac.

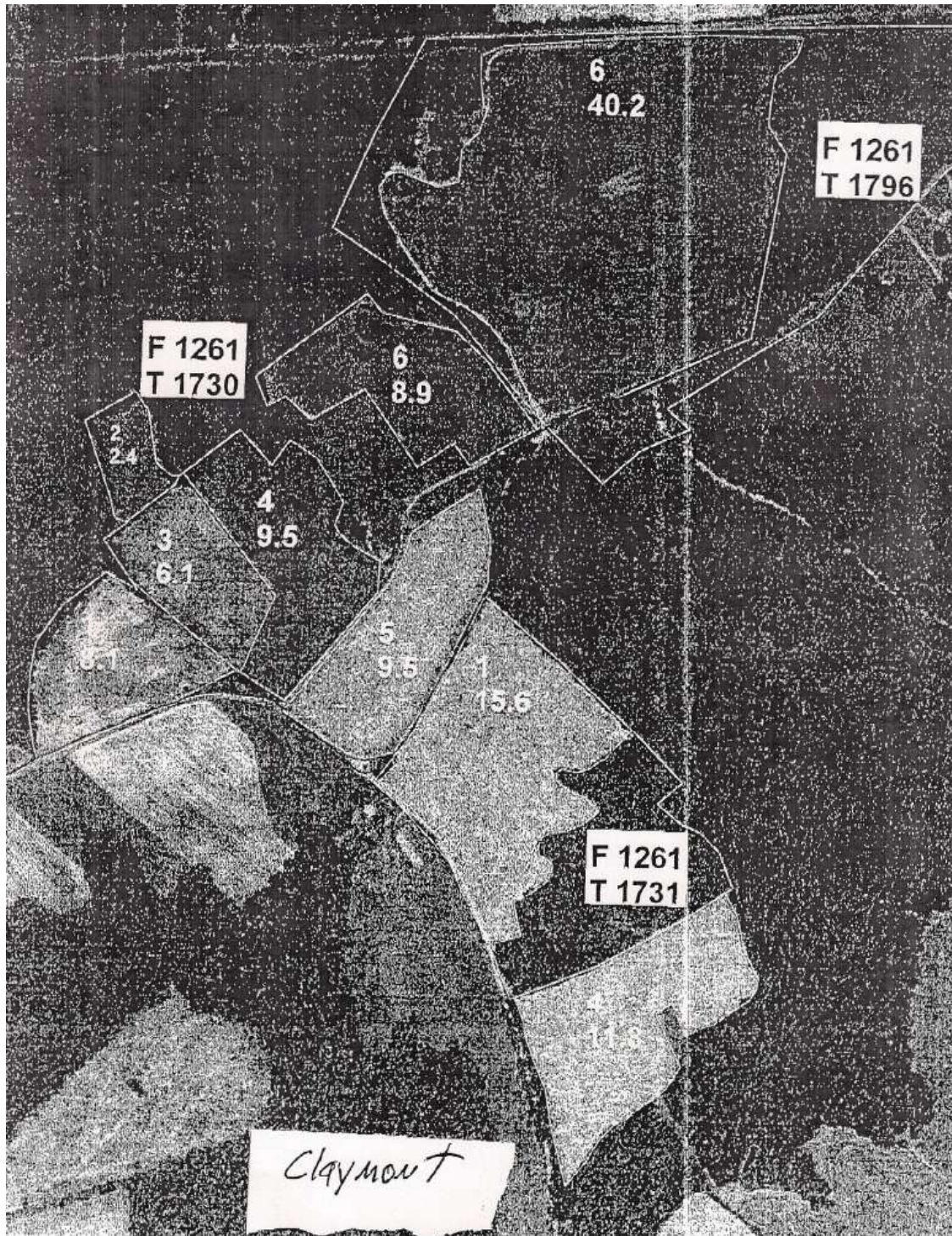
Field 4 – 12.0 Ac.

The Tax map showing all parcels is provided.



The FSA Map showing all fields is provided.





The fields are identified on topographic and soil maps. Predominant soils by field are:

T 1796 Field 6 – Map Unit Symbol is 7B. Map unit name is Kempsville Loam, 2 – 6% slopes.

T 1730 Field 1 – Map Unit Symbol is 23B. Map unit name is Turbeville Loam, 2 – 6% slopes.

T 1730 Field 2 - Map Unit Symbol is 7B. Map unit name is Kempsville Loam, 2 – 6% slopes.

T 1730 Field 3 - Map Unit Symbol is 7B. Map unit name is Kempsville Loam, 2 – 6% slopes.

T 1730 Field 4 – Map Unit Symbol is 17E. Map unit name is Rumford soils, 15 to 50% slopes.

T 1730 Field 5 - Map Unit Symbol is 23B. Map unit name is Turbeville Loam, 2 – 6% slopes.

T 1730 Field 6 - Map Unit Symbol is 7B. Map unit name is Kempsville Loam, 2 – 6% slopes.

T 1731 Field 1 - Map Unit Symbols are 23A & 23B. Map unit name is Turbeville Loam, 0-2% (A) and 2 – 6% slopes (B).

T 1731 Field 4 - Map Unit Symbol is 23B. Map unit name is Turbeville Loam, 2 – 6% slopes.

USDA Soil descriptions of these major soil units are provided. Data from USDA NRCS Web Soil Survey.

## **7B—Kempsville loam, 2 to 6 percent slopes**

### **Map Unit Setting**

*National map unit symbol:* 41hy

*Elevation:* 100 to 400 feet

*Mean annual precipitation:* 32 to 48 inches

*Mean annual air temperature:* 47 to 69 degrees F

*Frost-free period:* 192 to 233 days

*Farmland classification:* All areas are prime farmland

### **Map Unit Composition**

*Kempsville and similar soils:* 70 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

### **Description of Kempsville**

#### **Setting**

*Landform:* Marine terraces

*Landform position (three-dimensional):* Tread

*Down-slope shape:* Convex

*Across-slope shape:* Convex

*Parent material:* Marine deposits

#### **Typical profile**

*H1 - 0 to 8 inches:* loam

*H2 - 8 to 32 inches:* loam

*H3 - 32 to 64 inches:* sandy loam

#### **Properties and qualities**

*Slope:* 2 to 6 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high  
(0.57 to 1.98 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water storage in profile:* Moderate (about 8.0 inches)

#### **Interpretive groups**

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 2e

*Hydrologic Soil Group:* B

## **23A—Turbeville loam, 0 to 2 percent slopes**

### **Map Unit Setting**

*National map unit symbol:* 41hp

*Elevation:* 200 to 900 feet

*Mean annual precipitation:* 32 to 48 inches

*Mean annual air temperature:* 47 to 69 degrees F

*Frost-free period:* 192 to 233 days

*Farmland classification:* All areas are prime farmland

### **Map Unit Composition**

*Turbeville and similar soils:* 85 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

### **Description of Turbeville**

#### **Setting**

*Landform:* Terraces

*Landform position (three-dimensional):* Tread

*Down-slope shape:* Convex

*Across-slope shape:* Convex

*Parent material:* Alluvium

#### **Typical profile**

*H1 - 0 to 14 inches:* loam

*H2 - 14 to 40 inches:* clay loam

*H3 - 40 to 70 inches:* clay loam

#### **Properties and qualities**

*Slope:* 0 to 2 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*Runoff class:* Negligible

*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high (0.57 to 1.98 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water storage in profile:* High (about 9.1 inches)

#### **Interpretive groups**

*Land capability classification (irrigated):* None specified

Custom Soil Resource Report

17

*Land capability classification (nonirrigated):* 1

*Hydrologic Soil Group:* B

## **23B—Turbeville loam, 2 to 6 percent slopes**

### **Map Unit Setting**

*National map unit symbol:* 41hq

*Elevation:* 200 to 900 feet

*Mean annual precipitation:* 32 to 48 inches

*Mean annual air temperature:* 47 to 69 degrees F

*Frost-free period:* 192 to 233 days

*Farmland classification:* All areas are prime farmland

### **Map Unit Composition**

*Turbeville and similar soils:* 85 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

### **Description of Turbeville**

#### **Setting**

*Landform:* Terraces

*Landform position (three-dimensional):* Tread

*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Parent material:* Alluvium

**Typical profile**

*H1 - 0 to 14 inches:* loam  
*H2 - 14 to 40 inches:* clay loam  
*H3 - 40 to 70 inches:* clay loam

**Properties and qualities**

*Slope:* 2 to 6 percent  
*Depth to restrictive feature:* More than 80 inches  
*Natural drainage class:* Well drained  
*Runoff class:* Low  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high (0.57 to 1.98 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Available water storage in profile:* High (about 9.1 inches)

**Interpretive groups**

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 2e  
*Hydrologic Soil Group:* B  
Custom Soil Resource Report 18

**17E—Rumford soils, 15 to 50 percent slopes**

**Map Unit Setting**

*National map unit symbol:* 41h8  
*Elevation:* 50 to 450 feet  
*Mean annual precipitation:* 32 to 48 inches  
*Mean annual air temperature:* 47 to 69 degrees F  
*Frost-free period:* 192 to 233 days  
*Farmland classification:* Not prime farmland

**Map Unit Composition**

*Rumford and similar soils:* 75 percent  
*Minor components:* 5 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*  
Custom Soil Resource Report  
14

**Description of Rumford**

**Setting**

*Landform:* Marine terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Parent material:* Marine deposits

**Typical profile**

*H1 - 0 to 8 inches:* fine sandy loam  
*H2 - 8 to 31 inches:* fine sandy loam  
*H3 - 31 to 60 inches:* fine sand

**Properties and qualities**

*Slope:* 15 to 50 percent  
*Depth to restrictive feature:* More than 80 inches  
*Natural drainage class:* Well drained  
*Runoff class:* Medium  
*Capacity of the most limiting layer to transmit water (Ksat):* High (1.98 to 5.95 in/hr)  
*Depth to water table:* More than 80 inches



*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water storage in profile:* Low (about 5.9 inches)

**Interpretive groups**

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7e

*Hydrologic Soil Group:* A

The sites are shown on a soil map from the USDA NRCS Web Soil Survey.

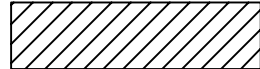

The sites are shown on the USGS topographic map.



NOTES

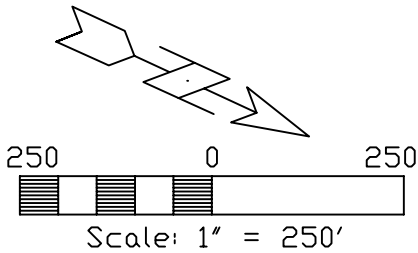
1. Information shown is either County, SCS or U.S.G.S. Map/Photo enlarged to indicated scale.
2. Property Boundaries, where shown, are approximate. This plan does not represent a survey of the property.

LEGEND

- LIMITS OF PROPOSED SLUDGE APPLICATION
-  RESTRICTED AREAS AND/OR VEGETATIVE BUFFER ZONES - Note, woodland areas not included in this evaluation
-  INDICATES DWELLING AND/OR COMMERCIAL ESTABLISHMENT WITH WELL, SEPTIC TANK & DRAINFIELD

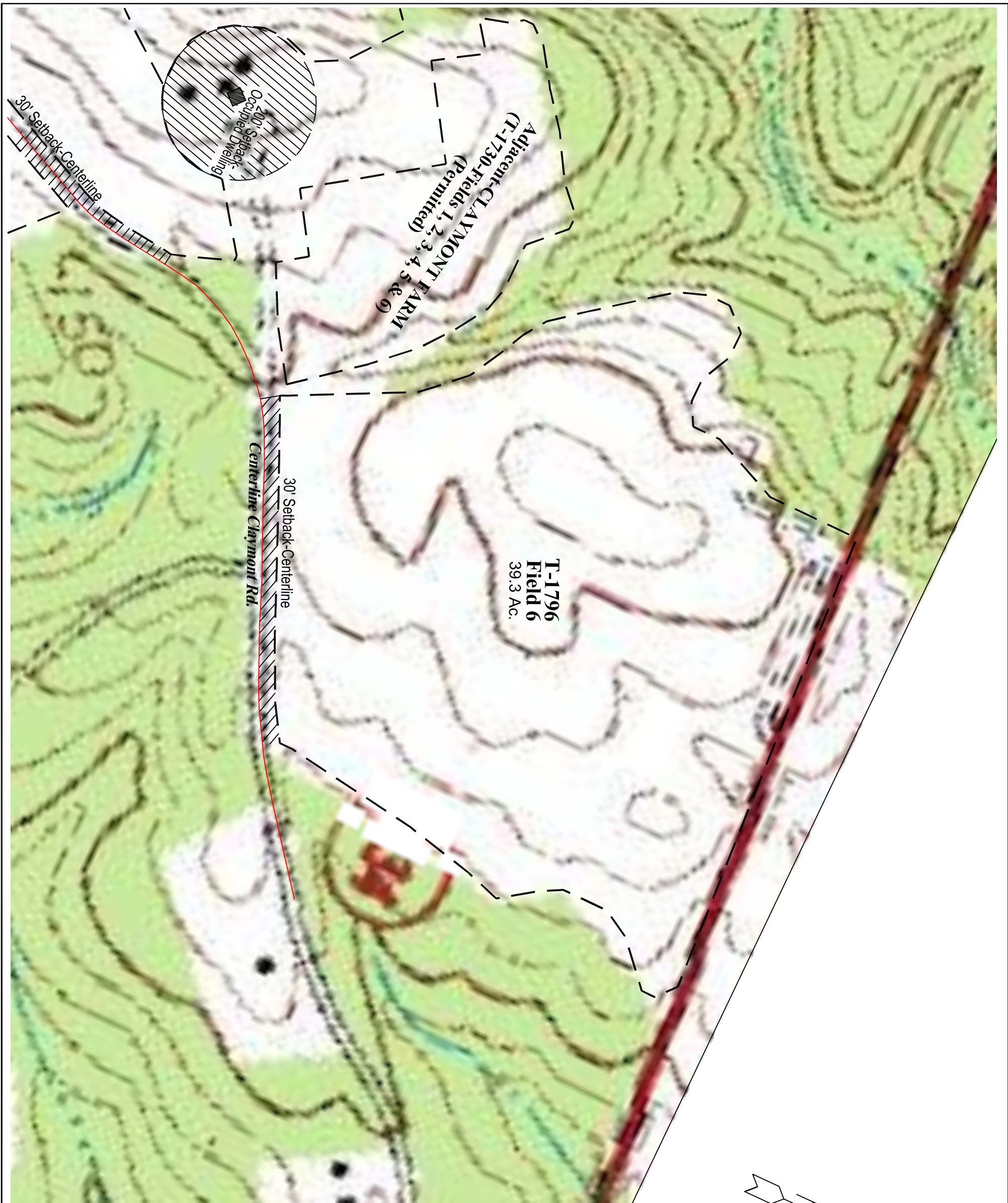
Map Unit Legend

- 2 — Bibb an Levy soils
- 7B — Kempsville loam, 2 to 6% slopes
- 17E — Rumford soils, 15 to 50% slopes
- 18D — Rumford & Tetotum soils, 6 to 15% slopes
- 23A — Turbeville loam, 0 to 2% slopes
- 23B — Turbeville loam, 2 to 6% slopes
- 23C — Turbeville loam, 6 to 10% slopes

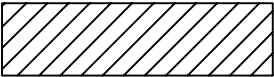



SOILS MAP - SLUDGE APPLICATION SITES  
PARCEL T-1796 - Field #6  
CLAYMONT FARM  
WESTMORELAND COUNTY, VIRGINIA  
Prepared for CROPS, INC.  
Date - December 15, 2009 - Fields to match FSA Designation  
CULPEPER ENGINEERING, P.C.  
3251 Germanna HWY, Locust Grove, VA 22508  
Phone (540) 423-9706 FAX (540) 423-1534



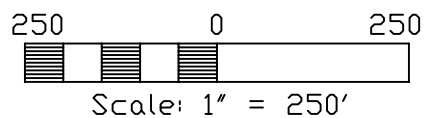


#### LEGEND

- LIMITS OF PROPOSED SLUDGE APPLICATION
-  RESTRICTED AREAS AND/OR VEGETATIVE BUFFER ZONES - Note, woodland areas not included in this evaluation
-  INDICATES DWELLING AND/OR COMMERCIAL ESTABLISHMENT WITH WELL, SEPTIC TANK & DRAINFIELD

#### NOTES

1. Information shown is U.S.G.S. Quadrangle Map or Photo enlarged to indicated scale.
2. Property Boundaries, where shown, are approximate. This plan does not represent a survey of the property.



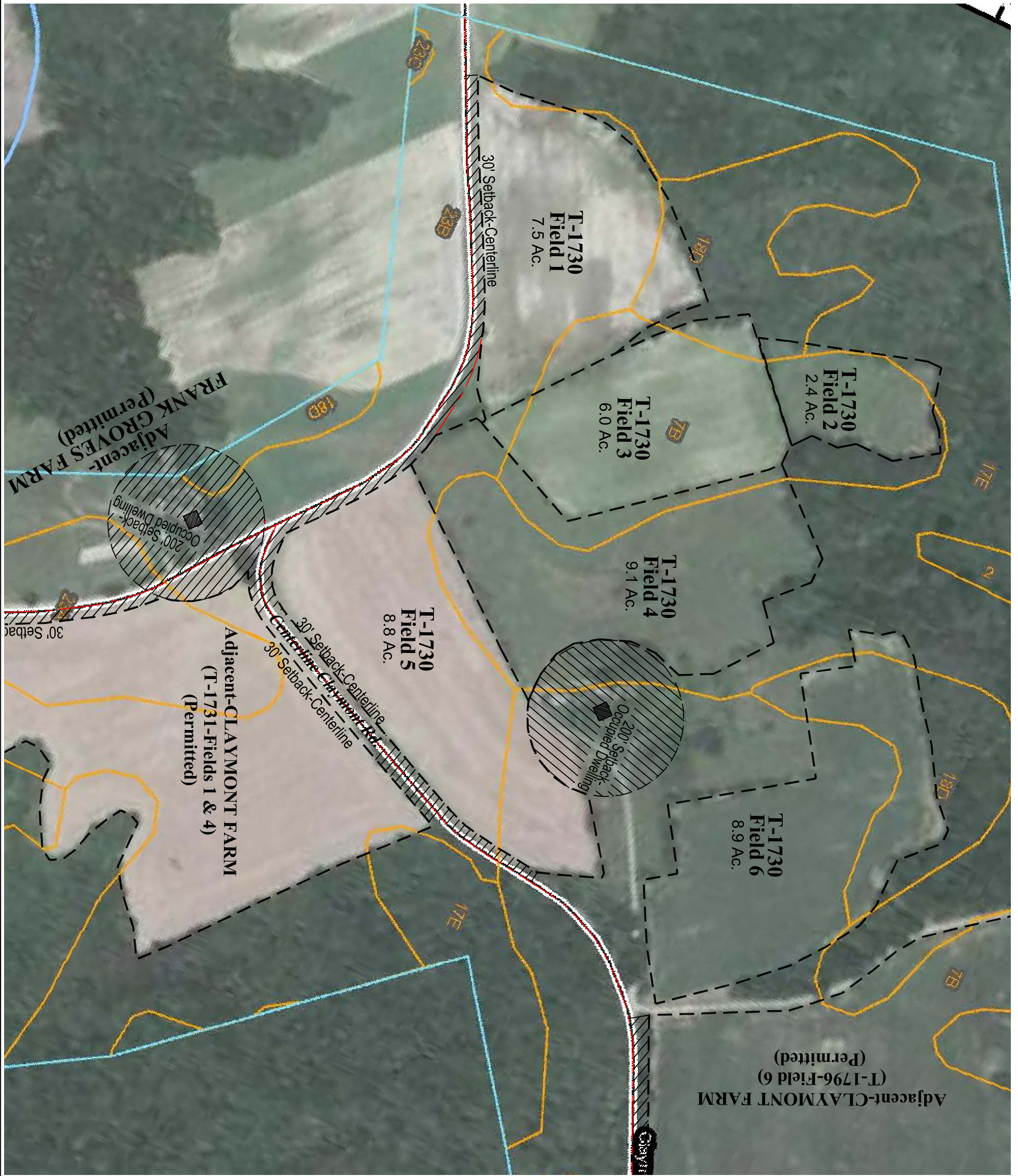
**LOCATION MAP - SLUDGE APPLICATION SITES**  
**PARCEL T-1730 - Fields 1, 2, 3, 4, 5 & 6**  
**CLAYMONT FARM**  
**WESTMORELAND COUNTY, VIRGINIA**  
**Prepared for CROPS, INC.**

Date - December 15, 2009 - Fields to match FSA Designation

**CULPEPER ENGINEERING, P.C.**

3251 Germanna HWY, Locust Grove, VA 22508  
Phone (540) 423-9706 FAX (540) 423-1534





NOTES

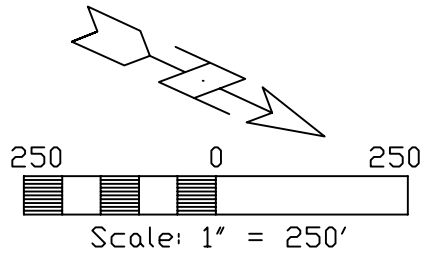
1. Information shown is either County, SCS or U.S.G.S. Map/Photo enlarged to indicated scale.
2. Property Boundaries, where shown, are approximate. This plan does not represent a survey of the property.

LEGEND

- LIMITS OF PROPOSED SLUDGE APPLICATION
- RESTRICTED AREAS AND/OR VEGETATIVE BUFFER ZONES - Note, woodland areas not included in this evaluation
- INDICATES DWELLING AND/OR COMMERCIAL ESTABLISHMENT WITH WELL, SEPTIC TANK & DRAINFIELD

Map Unit Legend

- 2 — Bibb an Levy soils
- 7B — Kempsville loam, 2 to 6% slopes
- 17E — Rumford soils, 15 to 50% slopes
- 18D — Rumford & Tetotum soils, 6 to 15% slopes
- 23A — Turbeville loam, 0 to 2% slopes
- 23B — Turbeville loam, 2 to 6% slopes
- 23C — Turbeville loam, 6 to 10% slopes



**SOILS MAP - SLUDGE APPLICATION SITES**  
**PARCEL T-1730 - Fields 1, 2, 3, 4, 5 & 6**  
**CLAYMONT FARM**  
**WESTMORELAND COUNTY, VIRGINIA**  
**Prepared for CROPS, INC.**  
Date - December 15, 2009 - Fields to match FSA Designation  
**CULPEPER ENGINEERING, P.C.**  
3251 Germanna HWY, Locust Grove, VA 22508  
Phone (540) 423-9706 FAX (540) 423-1534